



# Recombinant *Rhodoferax ferrireducens* Fructose-1,6-bisphosphatase class 1 1 (fbp1)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP630457RAAJ  |
| <b>Abbreviation</b>      | fbp1  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | Q21YM7  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | <i>Rhodoferax ferrireducens</i> (strain ATCC BAA-621 / DSM 15236 / T118)<br>( <i>Albidiferax ferrireducens</i> )  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MPLTYRSTLT QFLIEERRRF PNASGDFNAL ILDVALACRA IARAVALGEL<br>GGAMGNHAAE TGGSVNVQGE TQKKLDVLSN EVFIRTEWA<br>GNLAGMASEE MELPYQIPQQ YPRGKYMLVF DPLDGSSNID VNVCVGSIFS<br>VLRAPQDALD SGRDLNEADF LQAGRQQVAA GYAVYGPSTL LVLTVGNGVN<br>GFTLDPNLGE FMLTHPKMQI PPETHEFAIN ASNSRFWQAP VKRYVDECLA<br>GQTGPRGKDF NMRWIASMVA EHRILMRGG VFMYPDNKD PAKPGRLRL<br>YEANPVGMLM EQAGGRASTG ELPMLDVQPT SLHQRIGLVF GSKNEVERIE<br>RYHAEPVQAE PSNPLFAERS LFRS |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | fbp1  |
| <b>Protein Names</b>     | Recommended name: Fructose-1,6-bisphosphatase class 1 1 Short name=FBPase class 1 1 EC= 3.1.3.11 Alternative name(s): D-fructose-1,6-bisphosphate 1-phosphohydrolase class 1 1  |
| <b>Expression Region</b> | 1-364   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | full length protein   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                       |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life   |



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